

## **ABSTRACT OF THE DISCLOSURE**

Disclosed is an integrated speech synthesizer with an  
5 automatic identification of speaker connections and identification  
method used thereof. The speech synthesizer comprises a sound  
encode register to store encoded digitized sound data, a first speech  
synthesis unit connected to the sound encode register to convert the  
digitized sound data from the sound encode register to a first analog  
10 signal and send out the first analog signal from a first output  
terminal, a second speech synthesis unit connected to the sound  
encode register to convert the digitized sound data from the first  
output terminal to a second analog signal and send out the second  
analog signal from the first output terminal and a second output  
15 terminal, and a state register connected to the first output terminal  
to store the state of the first output terminal before the speech  
synthesizer is enabled, wherein the state stored in the state register  
is used to set up the initial value and other related setting for the  
speech synthesizer.

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